

## Product datasheet for **MC226883**

### Ghr (NM\_001048178) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ghr (NM\_001048178) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ghr  
**Synonyms:** GHBP; GHR/BP  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC226883 representing NM\_001048178  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGATCTTTGTCAGGTCTTCTAACCTTGGCACTGGCAGTCACCAGCAGCACATTTTCTGGAAGTGAGG  
 CTACACCAGCTACTCTTGGCAAAGCTTCCCCAGTCTCGCAAAGAATCAATCCAAGCCTGGGACAAGTTC  
 TTCTGAAAGCCTCGATTACCAAGTGTGTTCCCTGAACTGGAGACATTTTCATGCTACTGGACAGAA  
 GGAGATAATCCTGATTTAAAGACCCAGGATCTATTCAGCTGTACTATGCTAAAAGGGAAAAGCCAACGAC  
 AAGCTGCAAGAATTGCTCATGAATGGACCCAGGAATGGAAGAATGCCCTGATTATGCTCTGCTGGAAA  
 AAACAGCTGTTACTTCAACTCATCATATACCTCCATTTGGATACCTACTGCATCAAGCTAACTACAAAT  
 GGTGATTTGCTGGACCAAAAATGTTTCACTGTTGACGAAATAGTGCAACCTGATCCACCCATTGGCCTCA  
 ACTGGACTTTACTAAACATTAGTTTGACCGGGATTCGTGGAGACATCCAAGTGAGTTGGCAACCACCACC  
 CAATGCAGATGTTCTGAAGGGATGGATAATTCTGGAGTATGAAATTCAGTACAAAGAAGTAAATGAATCA  
 AAATGGAAGTGATGGGCCCTATATGGTTAACATACTGTCCAGTGTACTCATTGAGAAATGGATAAAGAAC  
 ATGAAGTGCGGGTGAGATCCAGACAACGGAGCTTTGAAAAGTACAGCGAGTTCAGCGAAGTCCCTCCGTGT  
 AATATTTCTCAGACGAACATATTGGAAGCATGTGAAGAAGGAACCAAGTCCAATTCTCAGCACCCACAT  
 CAAGAGATTGACAACCACCTGTATCACCAGCTTCAGAGGATCCGCCATCCCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001048178  
**Insert Size:** 894 bp



[View online »](#)

<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001048178.2</a></u> , <u><a href="#">NP_001041643.1</a></u>
<b>RefSeq Size:</b>	1335 bp
<b>RefSeq ORF:</b>	894 bp
<b>Locus ID:</b>	14600
<b>UniProt ID:</b>	<u><a href="#">P16882</a></u>
<b>Cytogenetics:</b>	15 1.84 cM
<b>Gene Summary:</b>	<p>Receptor for pituitary gland growth hormone involved in regulating postnatal body growth. On ligand binding, couples to, and activates the JAK2/STAT5 pathway (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks several exons and uses an alternate 3'-terminal exon, compared to variant 1. The encoded isoform (2) has a shorter and distinct C-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>